

Business Goals and Use Cases

	<i>Behaviour and Context</i>			<i>Means and Resources</i>			<i>Communication</i>		<i>Quality Concerns</i>				
	Logical Behaviour	Process Behaviour	Context & Constraints	Learning	AI Model	Hardware	Information	Con-nectivity	Ethics	Security	Safety	Energy Efficiency	Privacy
Analytical Level	Function components	Interaction	Context assumptions	Learning objectives	High level AI model	High level hardware architecture	Com-pilation	Interfaces	Ethic principles	Threat analysis (TARA)	Hazard analysis (HARA)	High level energy & power concept	Privacy impact analysis
	↕												
Conceptual Level	Logical components	Logical sequences	Context definition	Learning concept / data selection	AI model concept	System hardware architecture	Infor-mation model	Node con-nectivity	Ethic concept	Cyber-security concept	Functional safety concept	System level energy & power concept	Privacy concept
	↕												
Design Level	Com-puting ressource allocation	Resource sequences	Con-straints / Design Domain	Learning settings	AI model con-figuration	Com-ponent hardware architecture	Data model	Resource con-nectivity	Ethic technical realisation	Technical cyber-security concept	Technical safety concept	Solutions for energy and power	Technical solutions for privacy
	↕												
Run Time Level	Be-haviour monitoring	Adaptive behaviour	Context monitoring	Runtime data collection & continous learning	AI models per-formance monitoring	Hardware per-formance monitoring	Data monitoring	Con-nectivity monitoring	Assess-ment / auditing of AI decisions	Security monitoring / threat response	Safety monitoring / safety de-gradation	Energy and power monitoring	Assess-ment of privacy com-pliance